PREPARATION OF D-(-) -1-SUBSTITUTED PHENYL-2-DICHLORO-ACETOAMINO-3FLUORO-1-PROPANOL FROM L TYPE SUBSTITUTED PHENY SERINE ESTER

Patent number:

WO03093221

Cited docum

E CN12:

Publication date:

2003-11-13

Inventor:

HUANG HAO (CN); LI RONG (CN); YU XIAOMING

(CN); LEI XINSHENG (CN); LIN GUOQIANG (CN)

Applicant:

HUANG HAO (CN); LI RONG (CN); YU XIAOMING

(CN); LEI XINSHENG (CN); LIN GUOQIANG (CN); SHANGHAI INST ORGANIC CHEM (CN)

Classification:

- international:

C07C233/18; C07C255/58; C07C317/32

- european:

Application number: WO2002CN00354 20020527 Priority number(s): CN20010113056 20010601

Abstract of WO03093221

This invention relates to the preparation of D-(-)-substituted phenyl-2-dichloroacetoamino-3-fluoro-1-propanol, the method involves using L type substituted phenyl serine ester extracted and purified fro resolution waste liquid as raw material and through stepped reactions. The process is simple, high yielded, low costed and complete in configuration and is an effective and simple method of convertir type substituted phenyl serine ester to D type fluorothiamphenicol. The invention can prevent from disposing waste antimer produced in the resolution process of producing Florfenicol, reduce environmental pollution and has certain practical significance.

Data supplied from the esp@cenet database - Worldwide